Complete – Part of the AMT process

Monitoring Action Number	Indicator	Monitoring Task	Justification	Uncertainty And Risk	Duration	Data Analysis	Trigger For Management Changes
MA-1	Salinity, velocity, water surface, habitat complexity, connectivity, and conveyance, and habitat opportunity.	The Corps will maintain three hydraulic monitoring stations, one downstream of Astoria, one in Grays Bay, and one in Cathlamet Bay. Parameters measured would include salinity, water surface, and water temperature.	Physical changes related to channel deepening are expected to be small and concentrated near the navigation channel.	Salinity L,L+; velocity L,L; bathymetry L,M-; habitat complexity, connectivity, and conveyance L+, M;	7 years: 2 years before, 2 years during, and 3 years after construction	An analysis would be conducted to determine pre- and post-project relationships among flow, tide, salinity, water surface, and temperature	Post-project data exceeds defined threshold values. Determine if task should continue and what funding source is appropriate.

Description: Hydraulic monitoring stations are identified on the attached location map

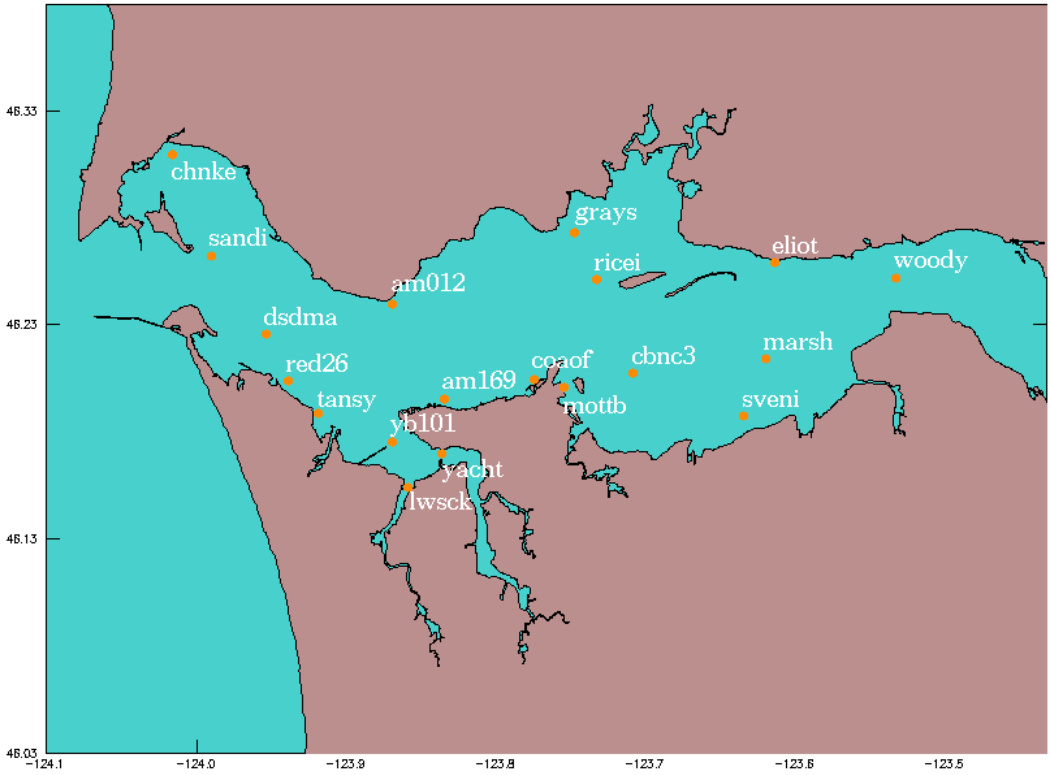
Schedule: Monitoring stations were funded in FY 02 and will continue as specified above. Data collected in any fiscal year will be reported to NOAA-Fisheries and USFWS in the annual report in the following January for seven years. A data analysis report will be submitted with the annual report in year 5-7 (tentatively 2007 and 2009). The years are contingent upon construction year.

FY 02-03 (1 year) – Pre-analysis (Complete)

FY 03-04 (1 year) – Pre-analysis (Complete)

FY 05-06 (2 years) – Monitor during construction - Ongoing

After construction, the Corps will monitor for three more years.



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